

1/12

100

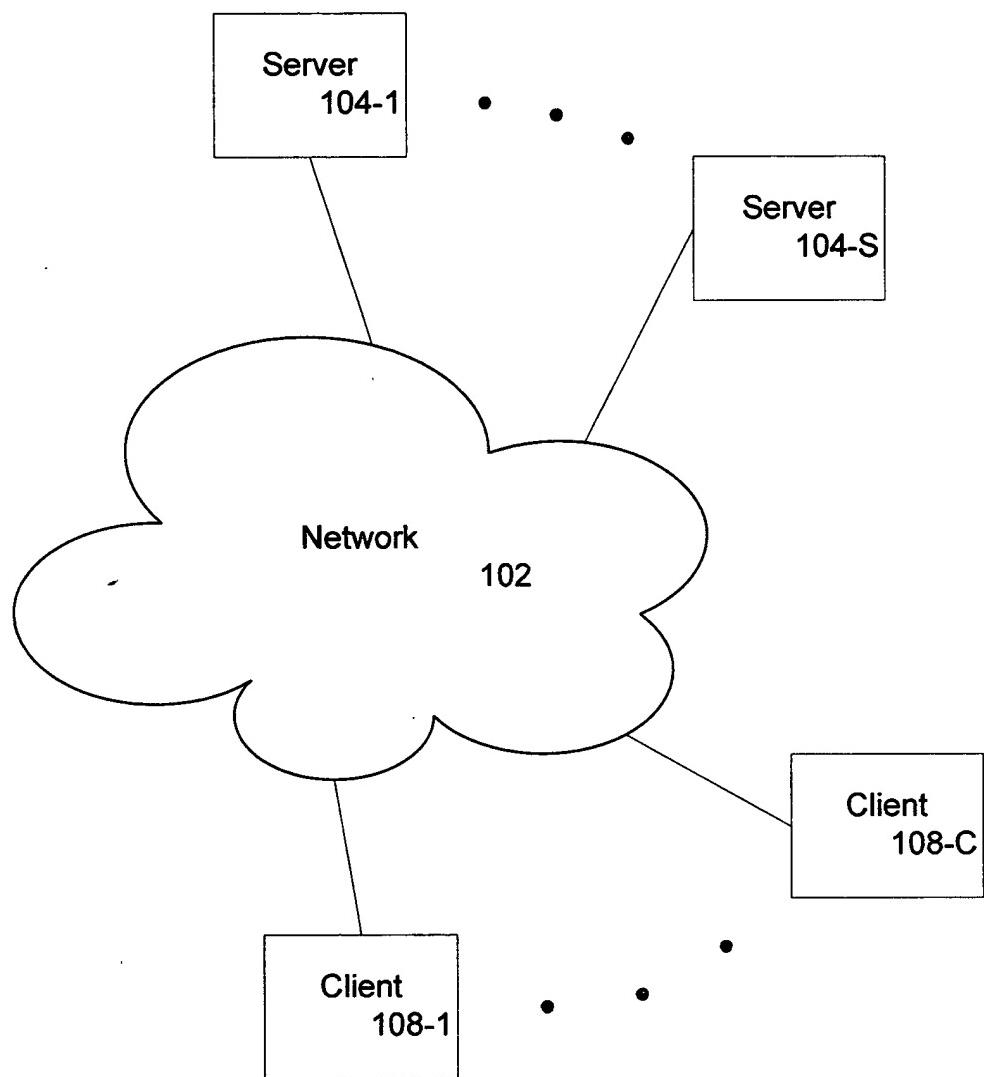


FIG. 1

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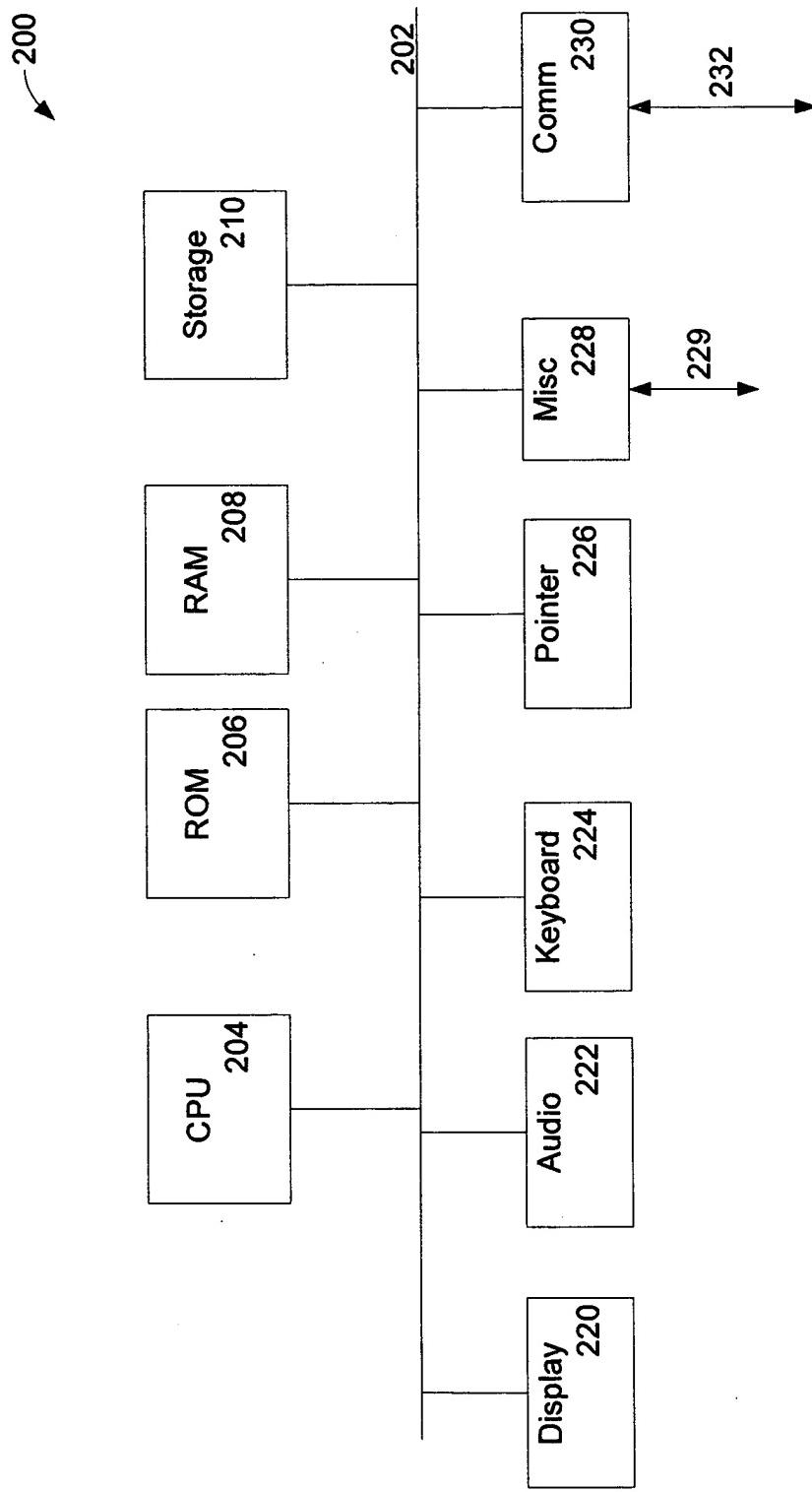


FIG. 2

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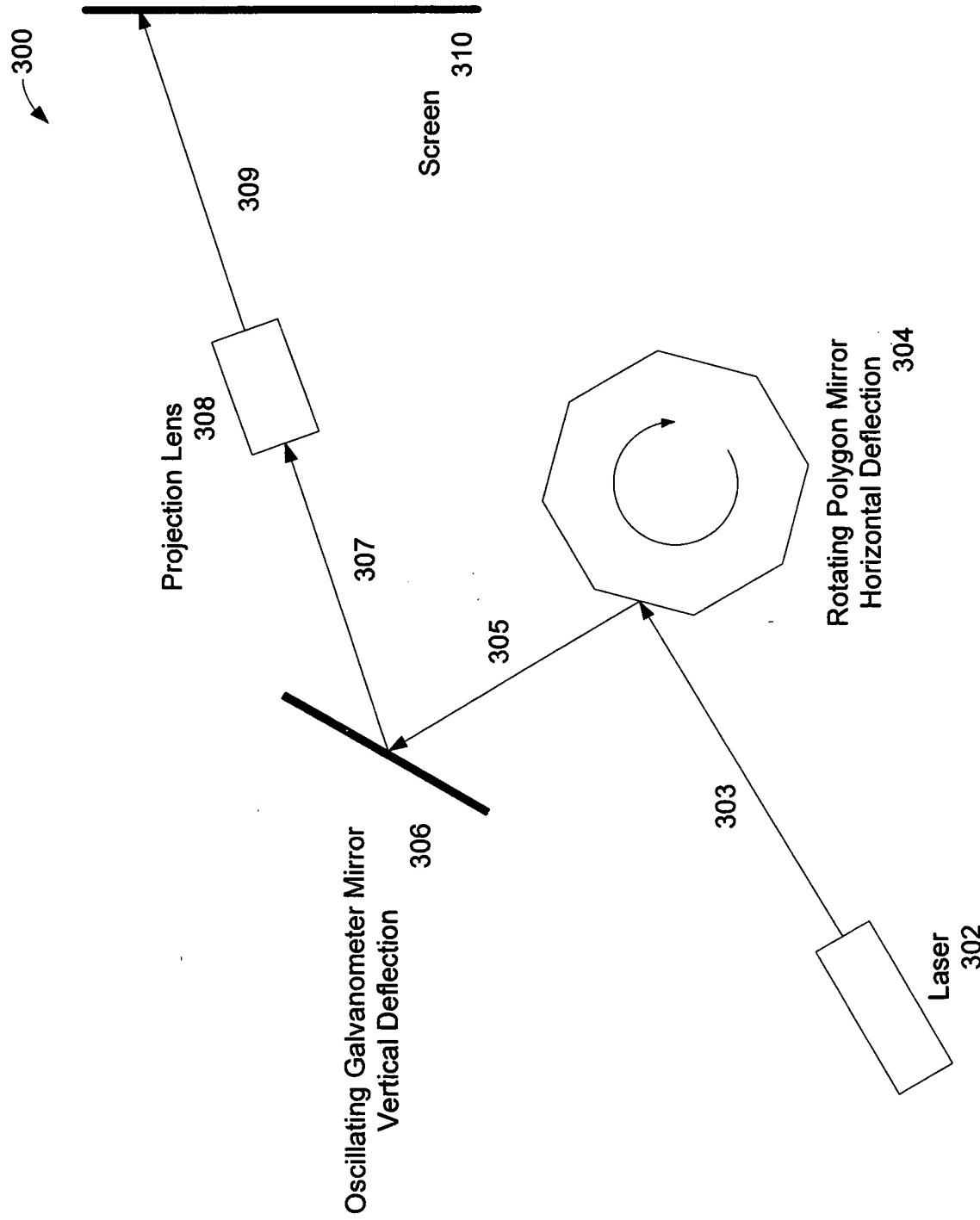


FIG. 3 (Prior Art)

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400

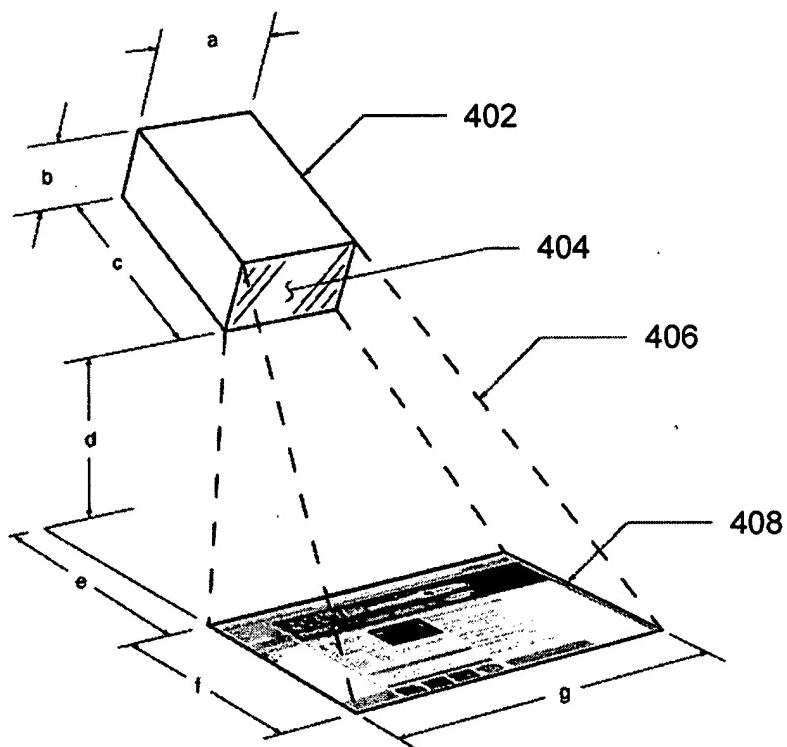
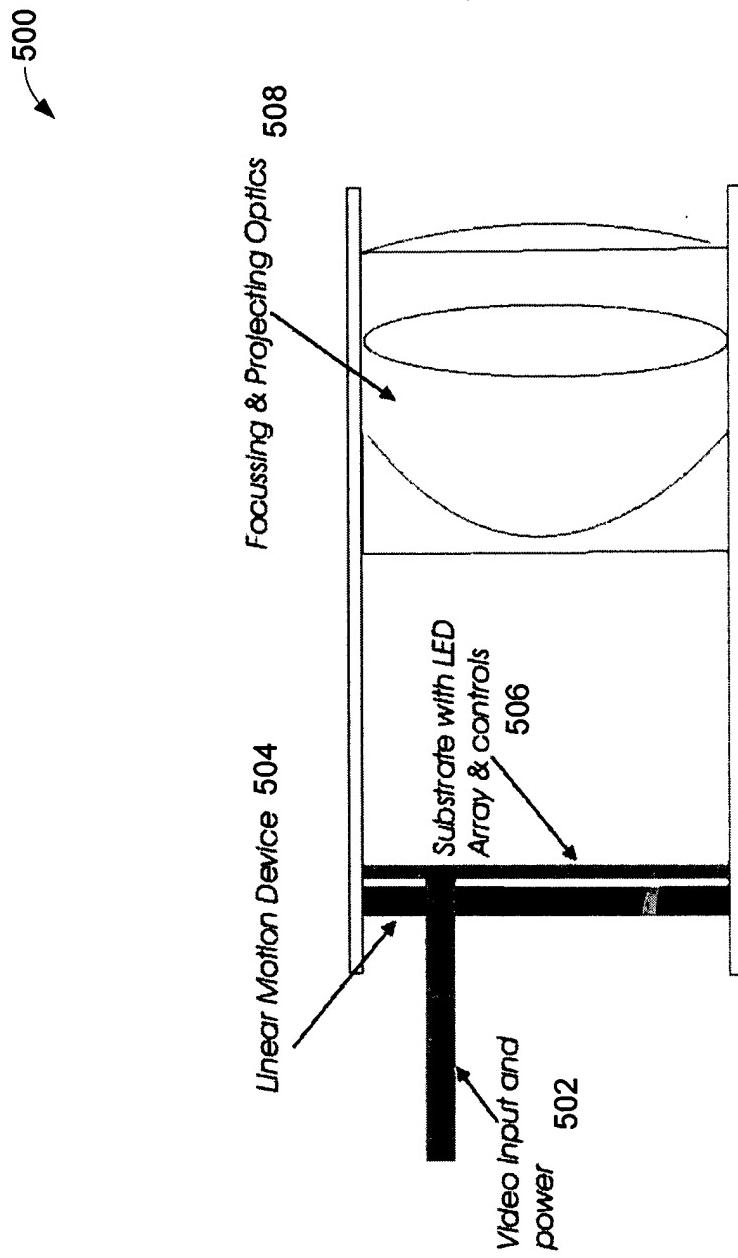


FIG. 4

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Cross-section of Projector

FIG. 5

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600

System Block Diagram

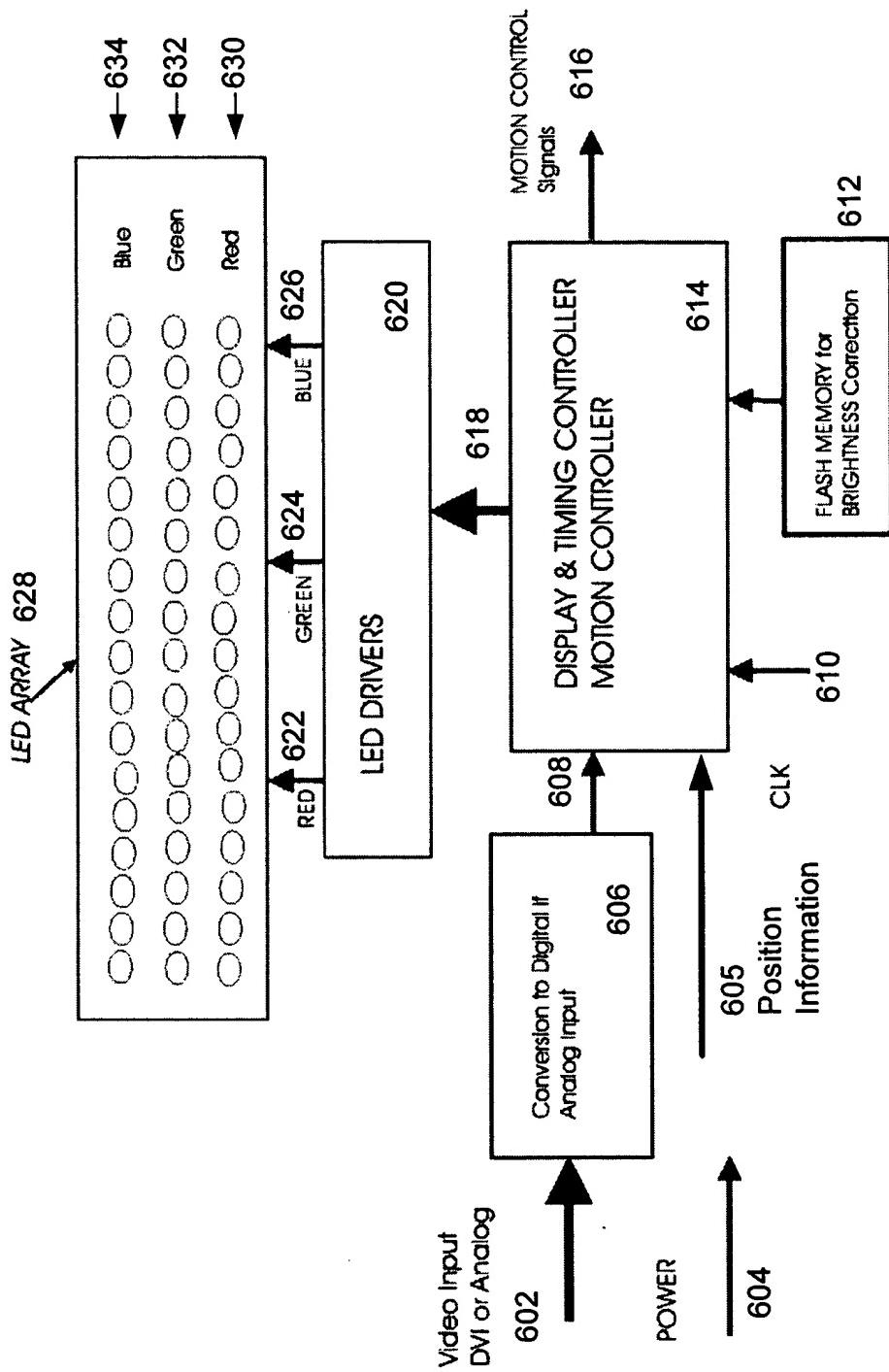
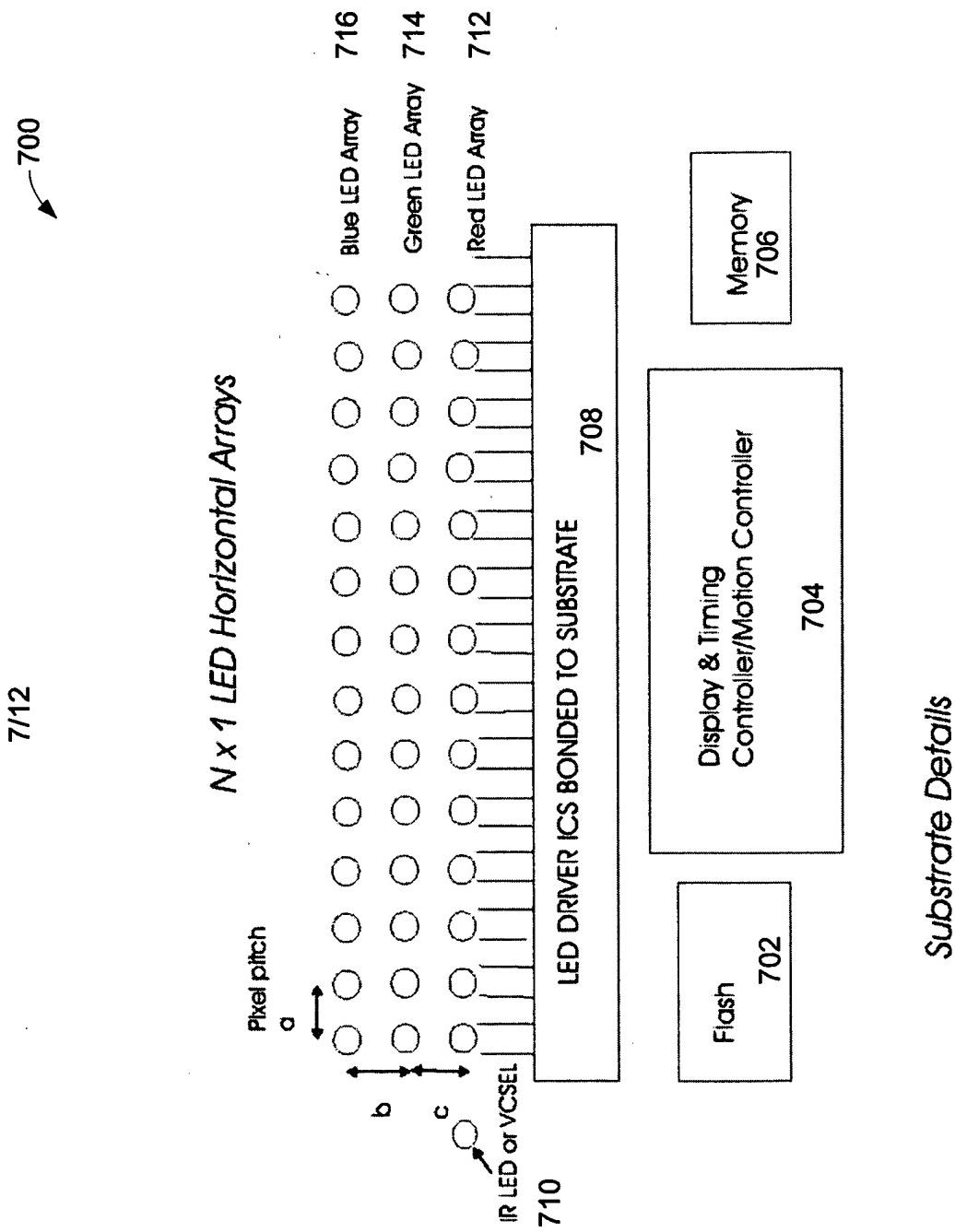


FIG. 6

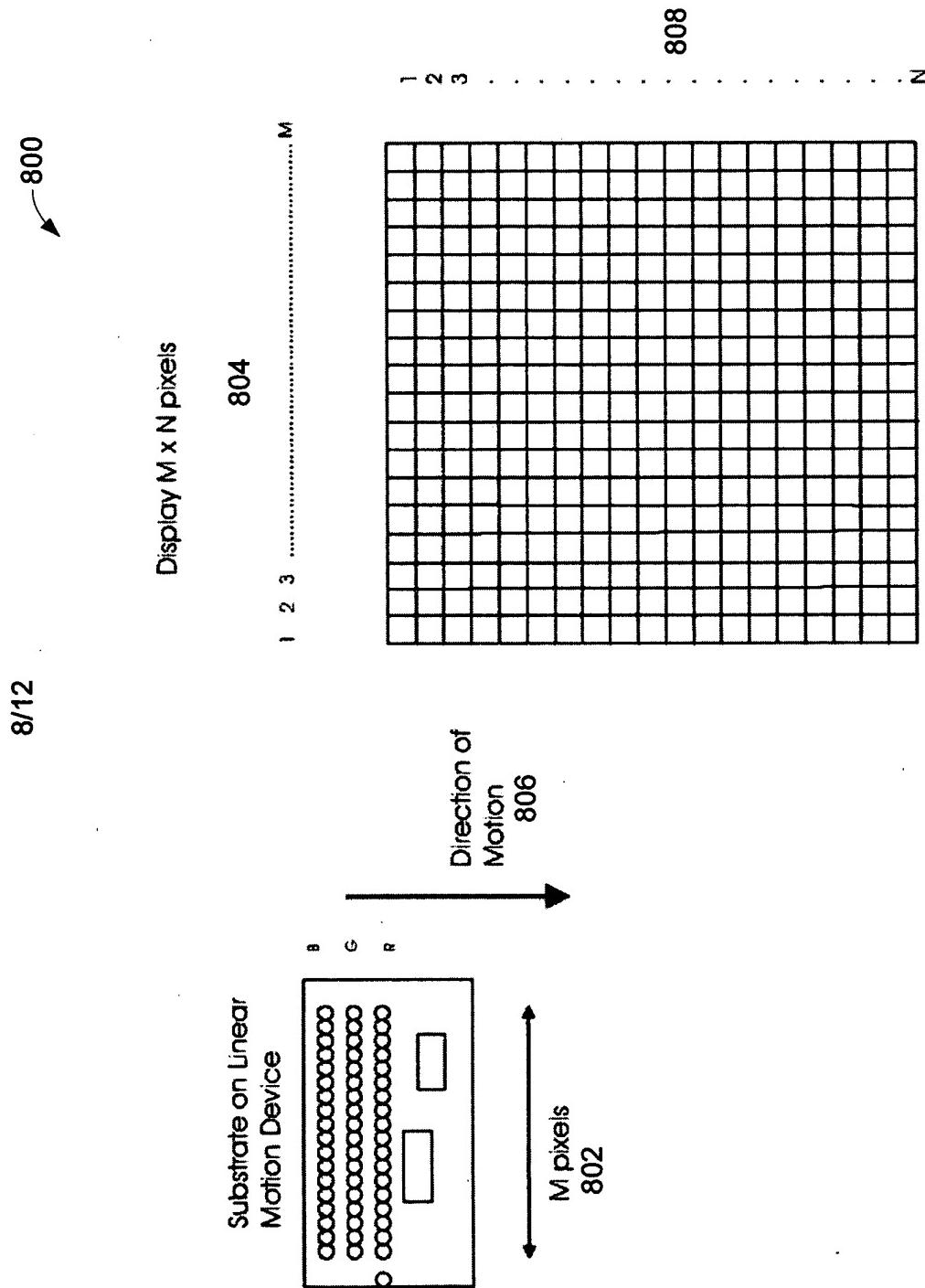
Title: Method and Apparatus for Light Emitting Devices Based Display
Inventor: Shiraz Shiyi - Tel: 408 253 3860
Application Number: not yet assigned - Confirmation Number: not yet assigned
Express Mail: ER 824073772 US - Filing Date: 03/26/2004 - Docket No.: 080803.P001



Substrate Details

FIG. 7

Title: Method and Apparatus for Light Emitting Devices Based Display
Inventor: Shiraz Shivji - Tel: 408 253 3860
Application Number: not yet assigned - Confirmation Number: not yet assigned
Express Mail: ER 824073772 US - Filing Date: 03/26/2004 - Docket No.: 080803.P001



Creating an $M \times N$ Display with
Vertical Motion

FIG. 8

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900

Timing of Energizing of LEDs

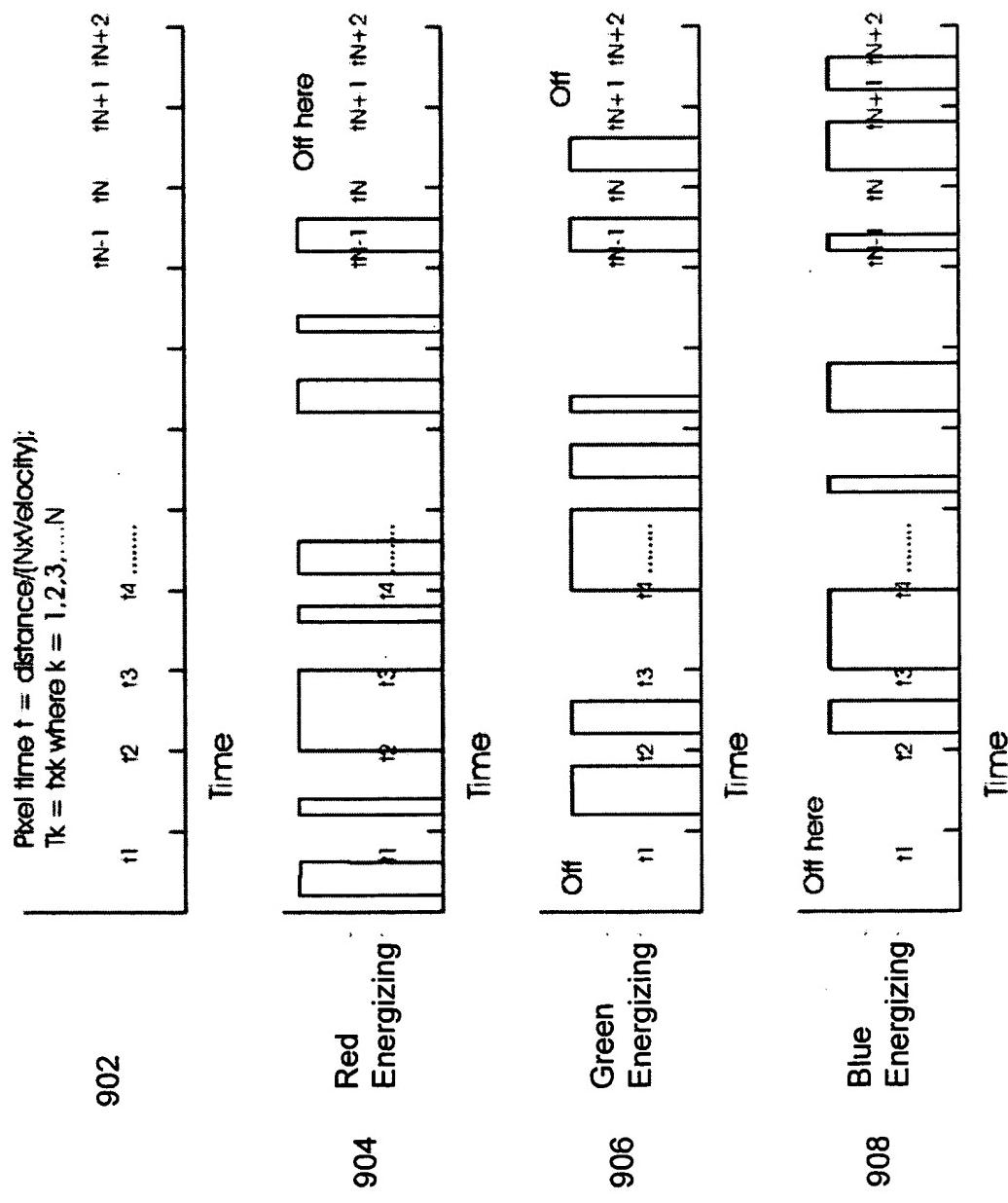
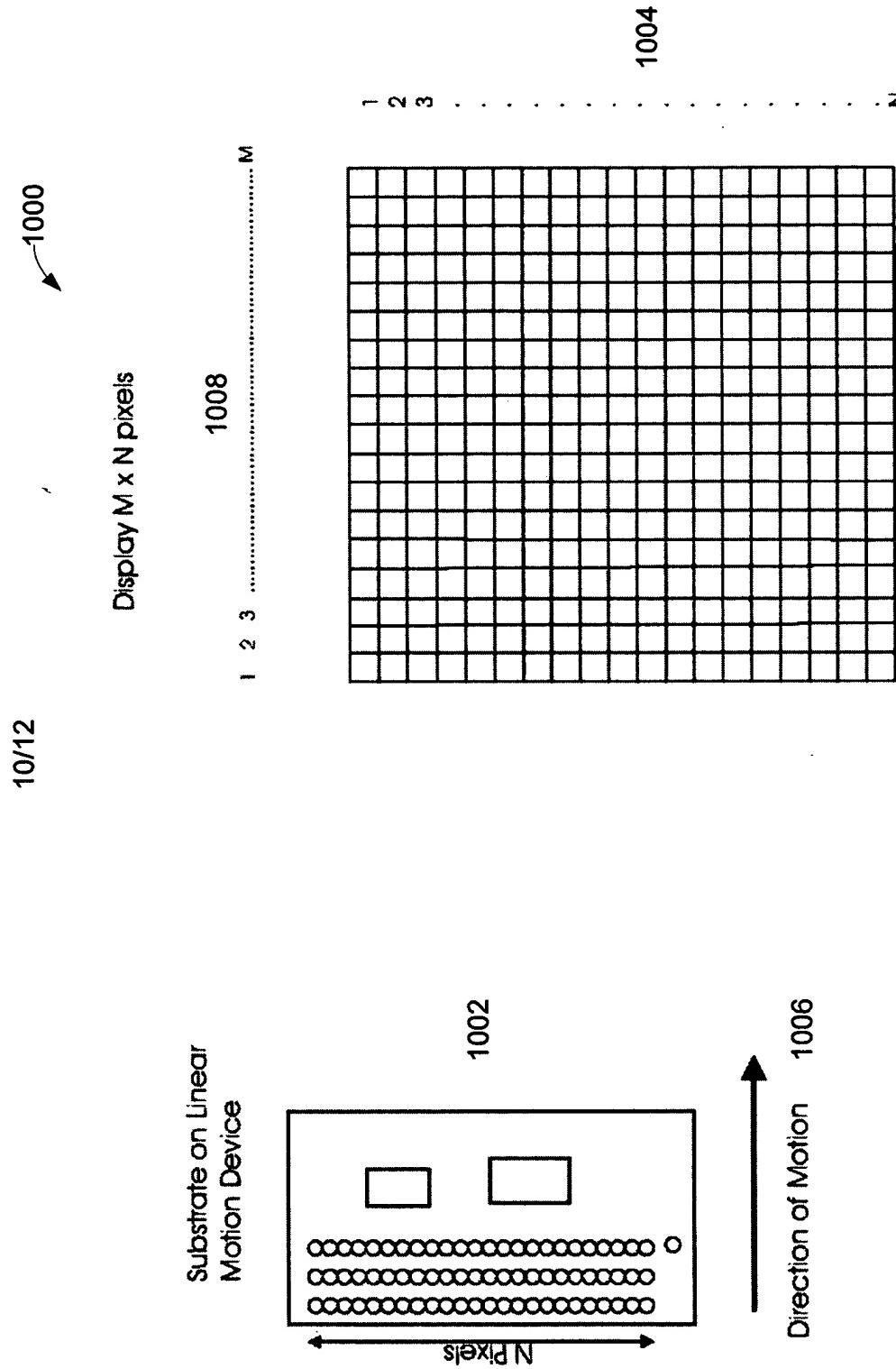


FIG. 9

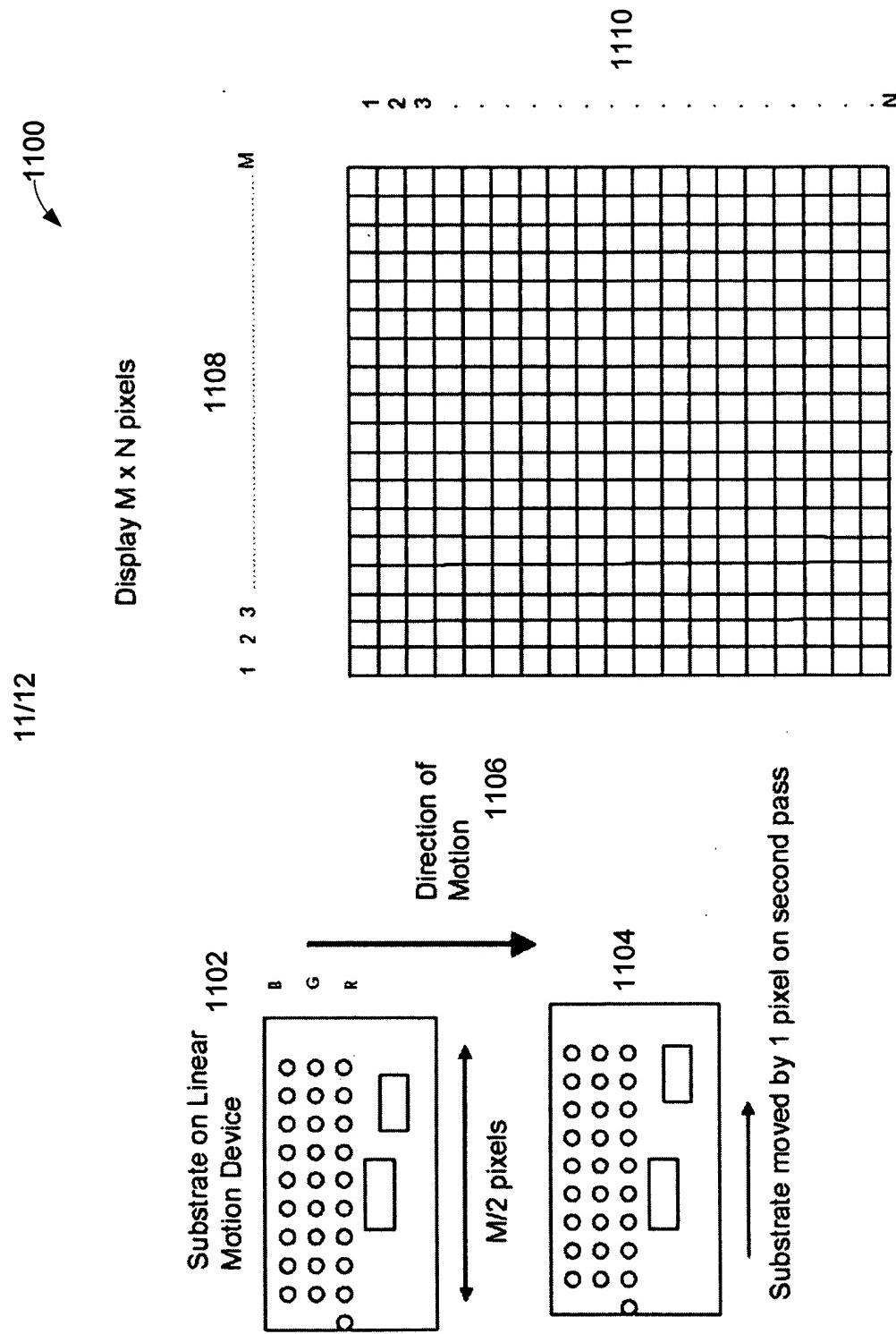
Title: Method and Apparatus for Light Emitting Devices Based Display
Inventor: Shiraz Shiyi - Tel: 408 253 3860
Application Number: not yet assigned - Confirmation Number: not yet assigned
Express Mail: ER 824073772 US - Filing Date: 03/26/2004 - Docket No.: 080803.P001



Creating an $M \times N$ Display with
Horizontal Motion

FIG. 10

Title: Method and Apparatus for Light Emitting Devices Based Display
Inventor: Shiraz Shiyi - Tel: 408 253 3860
Application Number: not yet assigned - Confirmation Number: not yet assigned
Express Mail: ER 824073772 US - Filing Date: 03/26/2004 - Docket No.: 080803.P001



Creating an $M \times N$ Display with Vertical Motion and using $M/2$ pixels and 2 scans with horizontal displacement

FIG. 11

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1200

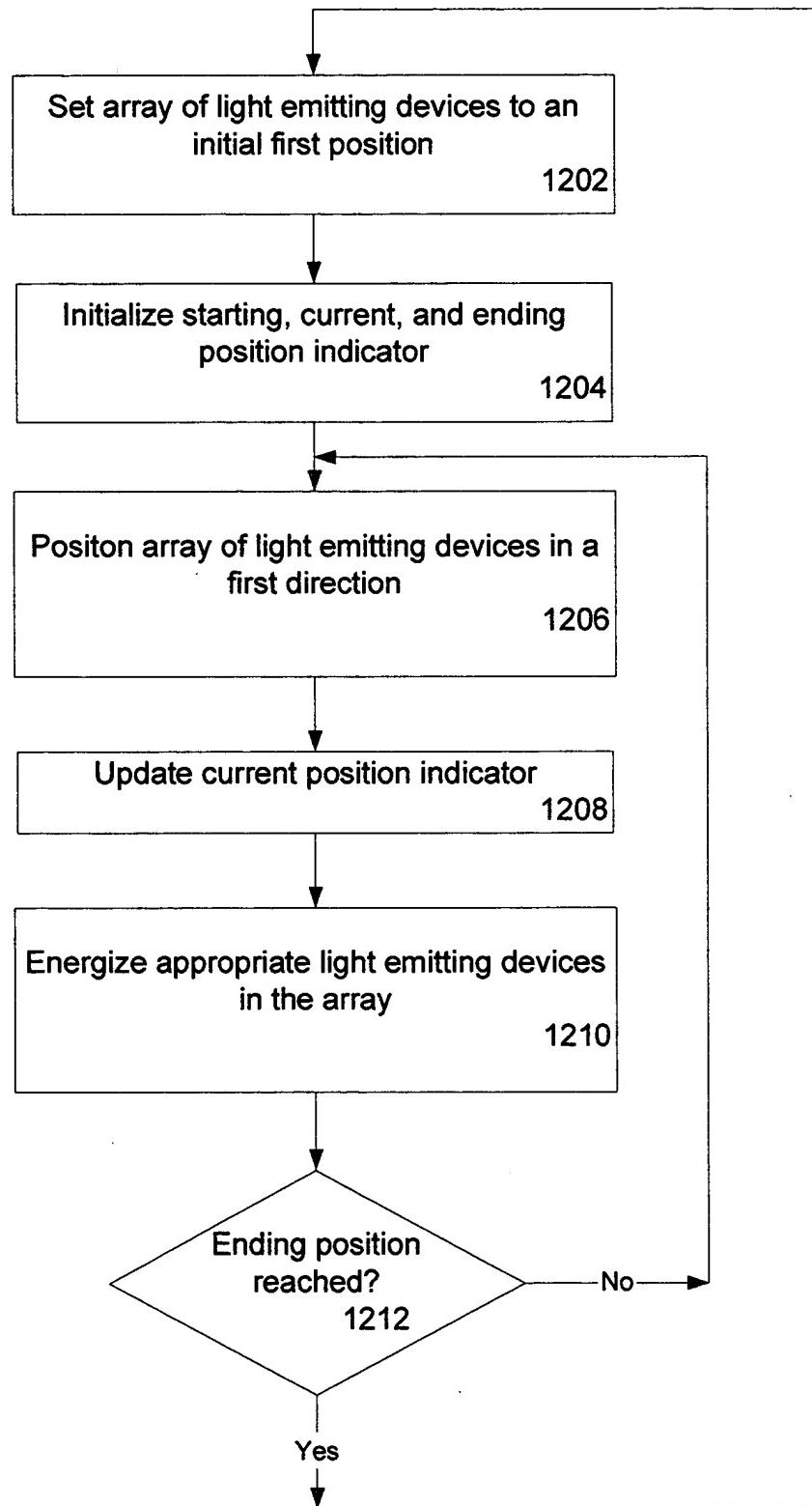


FIG. 12